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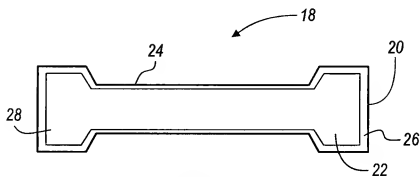


FIG. 1

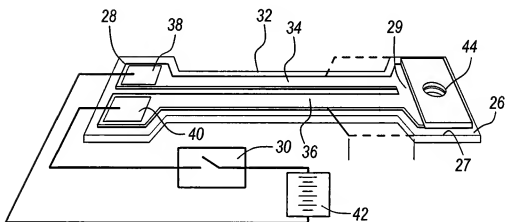


FIG. 2

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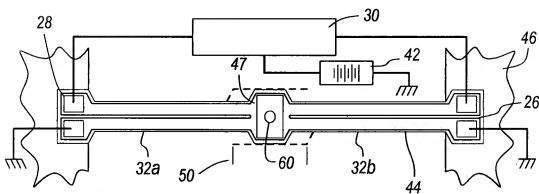


FIG. 3

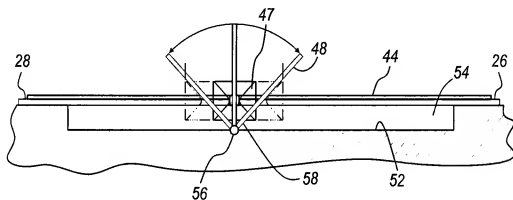


FIG. 4

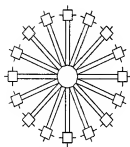


FIG. 5A

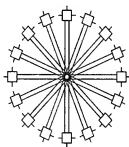


FIG. 5B

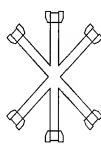


FIG. 5C

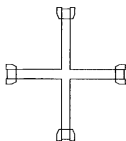


FIG. 5D

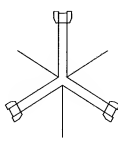


FIG. 5E

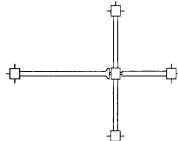


FIG. 5F

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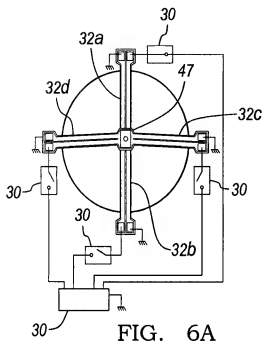


FIG. 6A

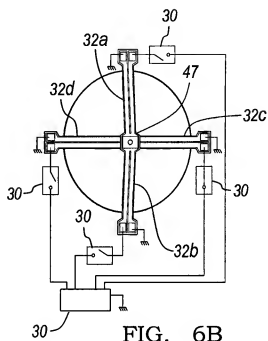


FIG. 6B

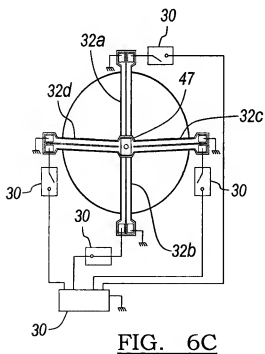


FIG. 6C

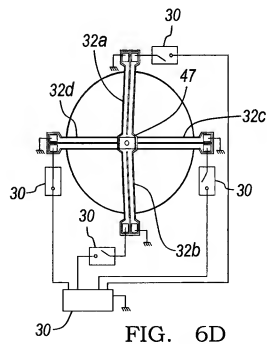
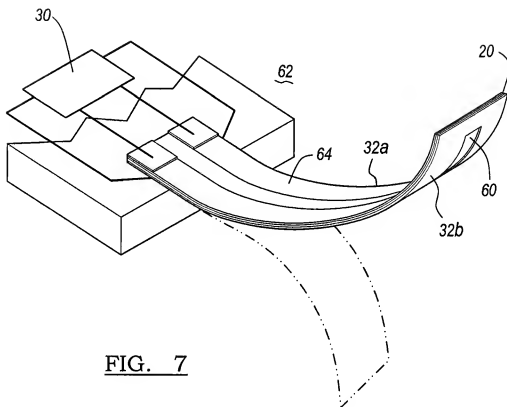


FIG. 6D

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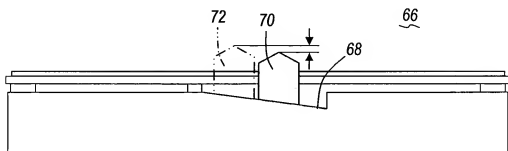


FIG. 8

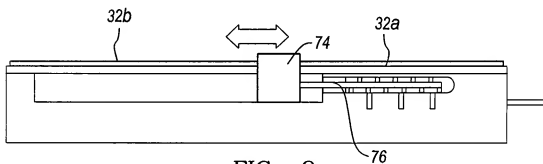


FIG. 9

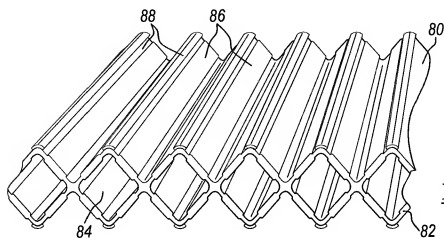


FIG. 10

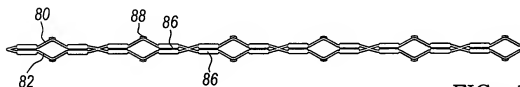


FIG. 11

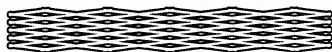


FIG. 12

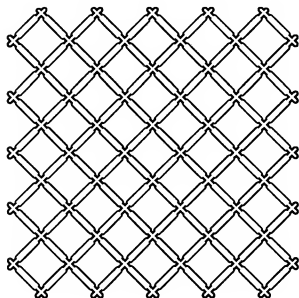


FIG. 13

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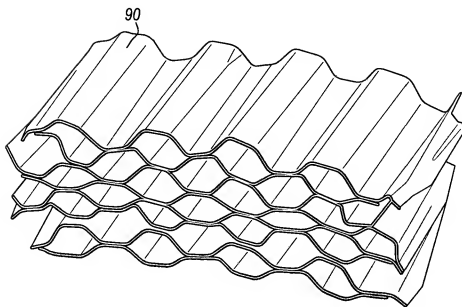


FIG. 14

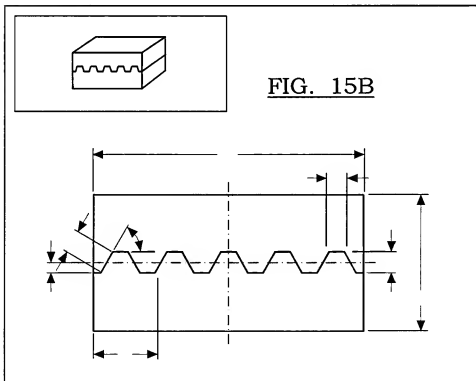


FIG. 15A

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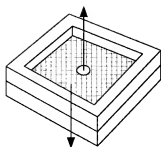


FIG. 16A



FIG. 16B

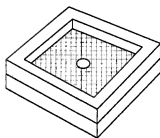


FIG. 16C



FIG. 16D

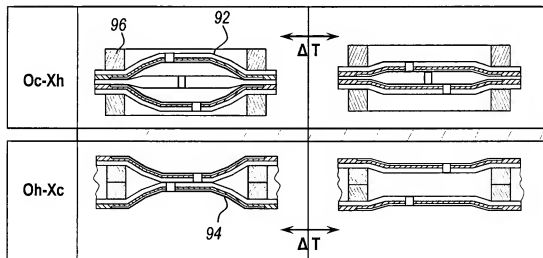


FIG. 17



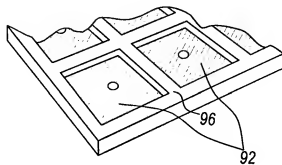


FIG. 18

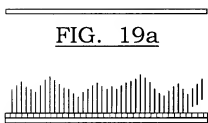


FIG. 19a

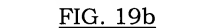


FIG. 19b



FIG. 19c

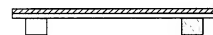


FIG. 19d

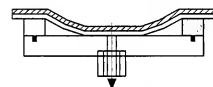


FIG. 19e

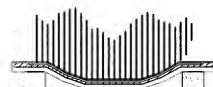


FIG. 19f



FIG. 19g

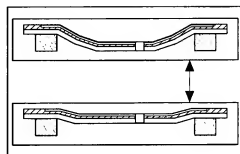


FIG. 19h

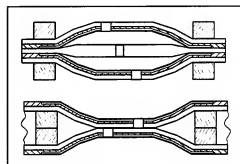


FIG. 19i

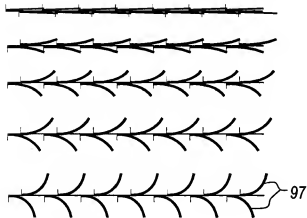


FIG. 20a

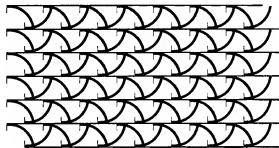


FIG. 20b

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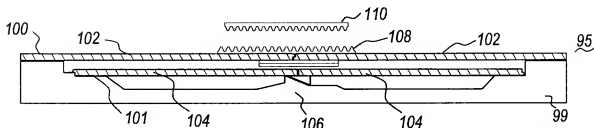


FIG. 21A

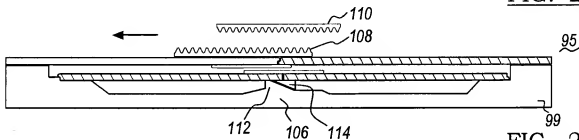


FIG. 21B

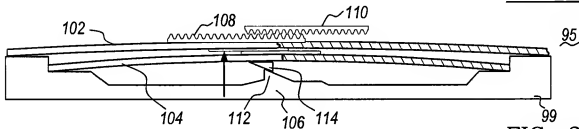


FIG. 21C

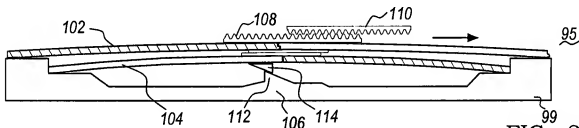


FIG. 21D

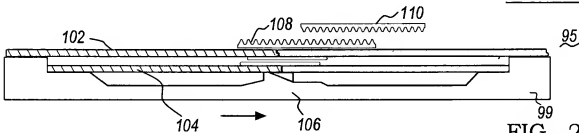


FIG. 21E

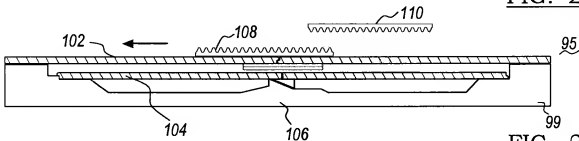


FIG. 21F

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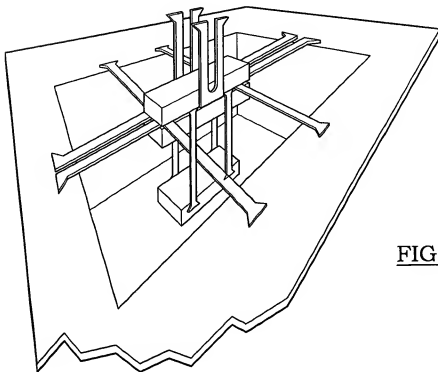


FIG. 22

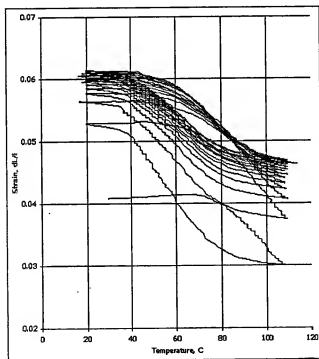


FIG. 23

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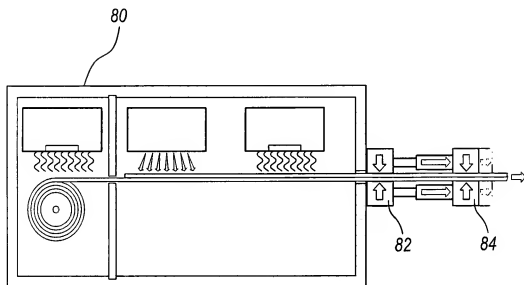


FIG. 24a

FIG. 24b

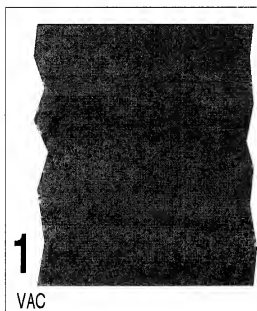
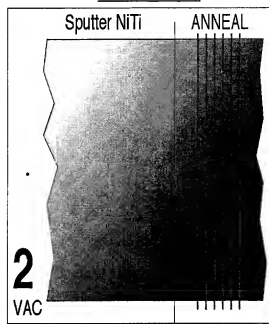


FIG. 24c



Option Sputter Utility Layers (Au, Ti, Rh, Pd, Pt)

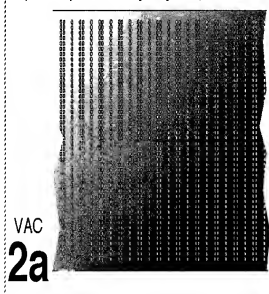


FIG. 24d

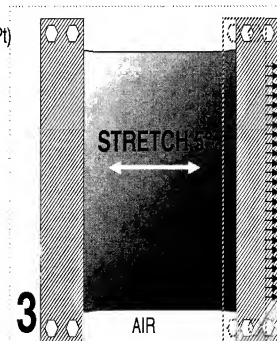


FIG. 24e

FIG. 24f

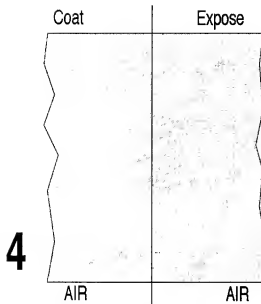


FIG. 24g

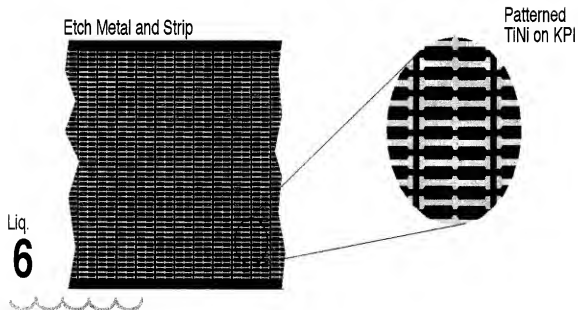
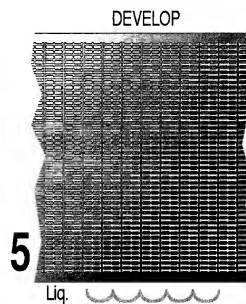


FIG. 24h



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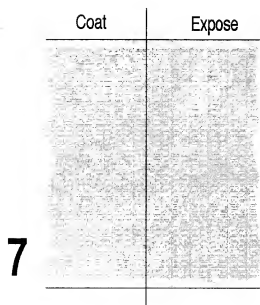


FIG. 24i

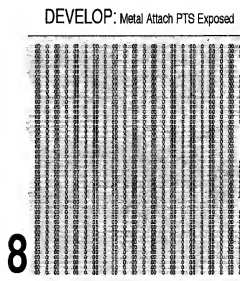


FIG. 24j

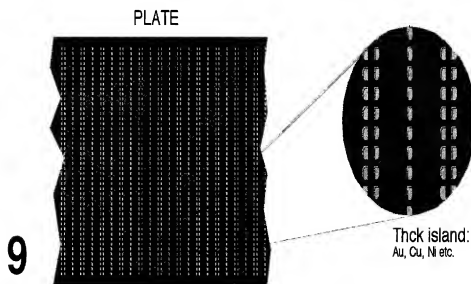


FIG. 24k

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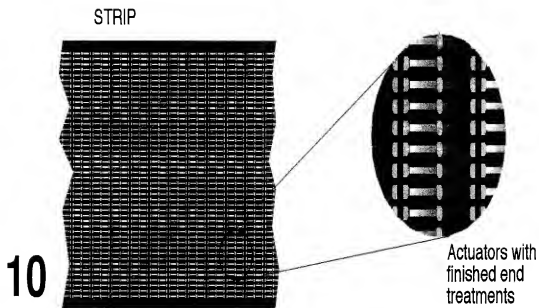


FIG. 24l

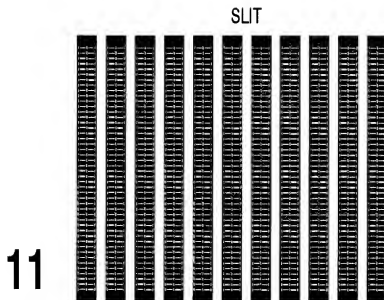


FIG. 24m

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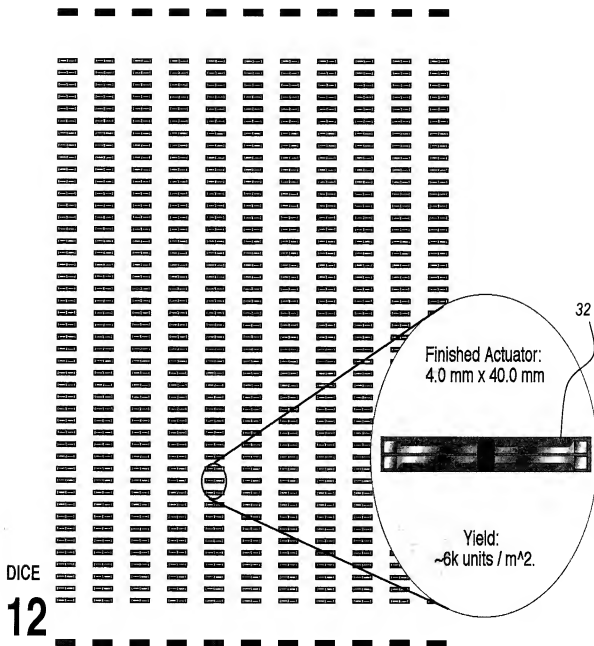


FIG. 24n